

CORRES. CONTROL
OUTGOING LTR NO.

000049659

DOE ORDER# 4700.1
95 RF 01189

DIST.	LTR	ENC
AMARAL, M.E.		
BURLINGAME, A.H.		
BUSBY, W.S.		
BRANCH, D.B.		
CARNIVAL, G.J.		
DAVIS, J.G.		
FERRERA, D.W.		
FRAY, R.E.		
GEIS, J.A.		
GLOVER, W.S.		
GOLAN, P.M.		
HANNI, B.J.		
HARMAN, L.K.		
HEALY, T.J.		
HEDAH, T.		
HILBIG, J.G.		
HUTCHINS, N.M.		
JACKSON, D.T.		
KELL, R.E.		
KUESTER, A.W.		
MARX, G.E.		
MCDONALD, M.M.		
MCKENNA, F.G.		
MONTROSE, J.K.		
MORGAN, R.V.		
POTTER, G.L.		
PIZZUTO, V.M.		
RISING, T.L.		
SANDLIN, N.B.		
SCHWARTZ, J.K.		
SETLOCK, G.H.		
STEWART, D.L.		
STIGER, S.G.		
TOSIN, P.M.		
VOORHEIS, G.M.		
Broussard, M.E.		
Burmester, M.C.		
Conley, J.E.		
Conley, S.A.		
Conley, P.J.		
Conley, A.		
Conley, M.		
Conley, N.T.		
CORRES. CONTROL	X	X
ADMIN RECORD/080	X	X
TRAFFIC		
PATST/130G		

CLASSIFICATION:

UCNI	
UNCLASSIFIED	X
CONFIDENTIAL	
SECRET	

AUTHORIZED CLASSIFIER

SIGNATURE
DOCUMENT CLASSIFICATION
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DATE

IN REPLY TO RFP CC NO:

N/A

ACTION ITEM STATUS

0 PARTIAL/OPEN

X CLOSED

LTR APPROVALS:

ORIG & TYPIST INITIALS

SAJ. all

EG&G ROCKY FLATS

EG&G ROCKY FLATS, INC.

ROCKY FLATS PLANT, P.O. BOX 464, GOLDEN, COLORADO 80402-0464 • (303) 966-7000

January 27, 1995

95-RF-01189

Jessie M. Roberson
Assistant Manager for
Environmental Restoration Division
DOE/RFFO

MODIFICATIONS TO THE OPERABLE UNIT 2 INTERIM MEASURES/INTERIM REMEDIAL ACTION
PLAN RESULTING FROM CONSTRUCTION OF THE SITEWIDE TREATMENT FACILITY -
SGS-037-95

Action: Concurrence with proposed action

The current Operable Unit 2 (OU 2) Interim Measures/Interim Remedial Action Plan (IM/IRAP) requires revision to remove references to the existing treatment facility. Components of the present OU 2 Field Treatability Unit (FTU) will be transferred to the existing OU 1 Treatment Facility (Building 891). Water from the SW-59 collection system installed at the OU 2 FTU will then be trucked to the proposed Sitewide Treatment Facility (STF). Environmental and worker exposure effects discussed in the OU 2 IM/IRAP will apply to the STF as well.

The treatment equipment to be transferred is presently located at the OU 2 FTU site, north of the east access road. The modules to be relocated are: the Chemical Precipitation / Microfiltration Unit consisting of chemical precipitation tanks and mixers, a micro-filtration unit, and a sludge dewatering unit; the Granular Activated Carbon Columns; and a prefilter system of bag filters. The relocation will not alter the results of the treatment process for OU 2 waters. A description of these components and the treatment process can be found in the OU 2 Final Surface Water IM/IRAP dated March 1991.

The OU 2 surface water IM/IRA addresses the collection of surface water from three sources: SW-59, SW-61, and SW-132. Collection and treatment of SW-61 and SW-132 has been discontinued as of May 1994 per the agreement between the Department of Energy (DOE), the Environmental Protection Agency (EPA), and the Colorado Department of Public Health and Environment (CDPH&E). Monitoring of these sources has continued. Water from SW-59 will be the only source from OU 2 collected for treatment at the STF.

The OU 2 source, SW-59, is characterized in the OU 2 Final Surface Water IM/IRAP. Water collected from SW-59 will be pumped to a double contained tank placed at the seep. When filled, this tank will be emptied into a tanker and trucked to the STF. Treatment of the water will be equivalent to that described in the OU 2 IM/IRAP and treated effluent will be discharged through the existing Building 891 system.

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The STF will treat the remaining sources from OU 1 and OU 2, water from OU 7, and potentially other waters derived from environmental remediation activities that meet the STF acceptance criteria. All source waters will be treated to attain the Applicable or Relevant and Appropriate Requirements and compliance with them will be demonstrated prior to the release of treated effluent.

It is EG&G Rocky Flats Inc.'s recommendation that concurrence for these changes be obtained from the CDPH&E and the EPA.

Please contact Steven Joliat at extension 2534, Ty Vess at extension 6540, or Pete Laurin at extension 8702 with any questions.



S. G. Stiger, Director
Environmental Restoration Program Division
EG&G Rocky Flats, Inc.

SAJ:alc

Orig. and 1cc - J. M. Roberson

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M. N. Silverman - DOE, RFFO